



**PIGEON RIVER COUNTRY MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT #22 ENTRY YEAR: 2004

Compartment Acreage: 1,331 County: Cheboygan

Revision Date:

August 15, 2002

Stand Examiner:

Rick McDonald

Legal Description:

T33N – R01E sections 1, 2 and 3

RMU (if applicable):

Not applicable

Management Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and Topography:

Flat to gently rolling terrain. Predominantly sandy soil types throughout the compartment of varying names and associations, except in the lowland swamp types. East part of compartment is more poorly drained and wet throughout much of the year.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Mostly solid block of state owned land with private land bordering to the north. Large block of private land in section one and NE1/4 of section two is agricultural and the small strip in the NW1/4 of section two is small residential ownerships.

Unique, Natural Features (include only non-site specific and non-sensitive information):

Anyone who would like information about threatened or endangered species in this compartment should contact the Michigan Natural Features Inventory, PO Box 30444, Lansing, MI 48909; (517) 373-1552; www.msue.msu.edu/mnfi.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

None identified.

Special Management Designations or Considerations:

No special management considerations for this compartment.

Watershed and Fisheries Considerations:

Portion of the Black River flows through the southeast part of the compartment.

Wildlife Habitat Considerations:

A Wildlife Division representative will be available to participate in the formal compartment review.

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of coarse textured glacial till. Glacial drift thickness varies between 50 and 400 feet. There is nearly 130 feet of local relief within the compartment. Beneath the Glacial Drift is the Devonian Traverse Group, quarried for cement products and stone elsewhere in the State. Limestone quarries are located nine miles to the northwest. A gravel pit is possibly located in Section 1 and potential is considered good in the compartment. This area was previously leased for oil and gas development. The Antrim Shale is not present and the Niagaran trend lies to the south and east. There is no oil and gas potential for known producing formations in this compartment.

Vehicle Access:

There is good access to most of the compartment. Many of the roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

Hunting is the primary recreational use of this area.

Fire Protection:

Access is good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 22

Table 3

(acres shown in boxes)

STAND AGE CLASS[illegible]

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 22

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

| COVER TYPE | A | S | V | C | G | H | J | I | L | P | N | Q | X | O | B | R | K | Y | F | E | T | D | U | M | Z | W | Total |
|----------------|-----|----|---|----|----|---|---|---|----|----|----|----|---|---|---|----|---|---|---|-----|---|---|----|-----|----|---|-------|
| A Aspen | 701 | | | | | | | | | | | | | | | | | | | | | | | | | | 701 |
| S Black Spruce | | 37 | | | | | | | | | | | | | | | | | | | | | | | | | 37 |
| C Cedar | | | | 28 | | | | | | | | | | | | | | | | | | | | | | | 28 |
| G Grass | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | 34 |
| L Lowlnd Brush | | | | | | | | | 30 | | | | | | | | | | | | | | | | | | 30 |
| P Lowlnd Poplr | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | 15 |
| N Marsh | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | 30 |
| Q Mx Swmp Cnfr | | | | | | | | | | | | 41 | | | | | | | | | | | | | | | 41 |
| R Red Pine | | | | | | | | | | | | | | | | 86 | | | | | | | | | | | 86 |
| F Spruce Fir | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | 3 |
| E Swamp Hrdwds | | | | | | | | | | | | | | | | | | | | 153 | | | | | | | 153 |
| U Upland Brush | | | | | | | | | | | | | | | | | | | | | | | 18 | | | | 18 |
| M Upland Hdwds | | | | | | | | | | | | | | | | | | | | | | | | 140 | | | 140 |
| Z Water | | | | | | | | | | | | | | | | | | | | | | | | | 11 | | 11 |
| W White Pine | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 |
| Total | 701 | 37 | | 28 | 34 | | | | 30 | 15 | 30 | 41 | | | | 86 | | | 3 | 153 | | | 18 | 140 | 11 | 5 | 1332 |

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **22****Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

| COMPARTMENT SUMMARY | | | |
|-------------------------|-----------|--|----------|
| TOTAL VOLUME | | CUT VOLUME | |
| Hardwood | 4256 Cds | Hardwood | 801 Cds |
| Hardwood | 834 Mbf | Hardwood | 373 Mbf |
| Softwood | 4259 Cds | Softwood | 408 Cds |
| Softwood | 105 Mbf | Sum CutVol | 1955 Cds |
| Sum TotVol | 10393 Cds | | |
| Total Cmpt Acres | | Acres Proposed For Cut..... | 177 |
| 1332 | | Acres Meeting Silv Criteria..... | 112 |
| | | Acres Not Meeting Silv Criteria..... | 1220 |
| | | Acres Unable to Determine Silv Criteria For..... | |

PIGEON RIVER COUNTRY MGT UNIT
**Proposed Treatments
With NO Limiting Factors**
Compartment: 22
Entry Year: 1994

| Stand | Cover Type | Acres | Age | Site Index | Mgt Obj | Condition | Method Cut | Harvest Priority | Cultural Need | FDF Status |
|---|------------|-----------|-----|------------|-------------------|------------|---------------|------------------|---------------|------------|
| 14 | A6 | 6 | 62 | 60 | aspen (upland) | mature | final harvest | 1 | | |
| comnts Fmd : Some wet areas. Very active deer area in winter. | | | | | | | | | | |
| 40 | R6 | 10 | 41 | 65 | red pine | immature | selection | 1 | | |
| comnts Fmd : Stand was row thinned in 1996. Selectively mark this time around. | | | | | | | | | | |
| 66 | M6 | 34 | | 65 | northern hardwood | unevenaged | selection | 1 | | |
| comnts Fmd : Stand extends south into Comp. 24 and will include that stand in the sale to be marked | | | | | | | | | | |
| 69 | A6 | 10 | 62 | 60 | aspen (upland) | mature | final harvest | 1 | | |
| 71 | A6 | 13 | 62 | 65 | aspen (upland) | mature | final harvest | 1 | | |
| comnts Fmd : High Country Pathway runs through stand | | | | | | | | | | |
| Total Acres..... | | 73 | | | | | | | | |

PIGEON RIVER COUNTRY MGT UNIT
**Proposed Treatments
With Limiting Factors**
Compartment: 22
Entry Year: 1994

| Stand | Cover Type | Acres | Age | Site Index | Mgt Obj | Condition | Method Cut | Harvest Priority | Cultural Need | FDF Status |
|---|---------------|------------|-----|---------------|----------------|-----------|---------------|---------------------|------------------|---------------|
| 22 | A8 | 22 | 53 | 50 | aspen (upland) | sparse | final harvest | 3 | | |
| TREATMENT LIMITING FACTORS: Too wet | | | | | | | | | | |
| comnts Fmd : STAND APPARENTLY HI-GRADED IN THE PAST - CUT TO GET BACK ASPEN | | | | | | | | | | |
| 24 | A5 | 58 | 53 | 50 | aspen (upland) | sparse | final harvest | 3 | | |
| TREATMENT LIMITING FACTORS: Too wet | | | | | | | | | | |
| comnts Fmd : Too wet for equipment operation | | | | | | | | | | |
| 45 | A6 | 11 | 69 | 60 | aspen (upland) | mature | final harvest | 2 | | |
| TREATMENT LIMITING FACTORS: Too wet | | | | | | | | | | |
| comnts Fmd : A lot of water draining through this stand. Too wet for equipment. | | | | | | | | | | |
| 46 | A9 | 13 | 69 | 65 | aspen (upland) | mature | final harvest | 2 | | |
| TREATMENT LIMITING FACTORS: Road needed (resources not presently available) | | | | | | | | | | |
| comnts Fmd : Difficult access to stand. Stand would have to be cut with adjoining hardwood. | | | | | | | | | | |
| Total Acres..... | | 104 | | | | | | | | |

COMPARTMENT 22
T33N, R1E, SEC. 1, 2, 3
COUNTY: CHEBOYGAN
UNIT: PIGEON RIVER COUNTRY
FOREST: MACKINAW
YOE: 2004
ACRES: 1,331 GIS CALCULATED
MAP REVISED: 8/14/2002
STAND EXAMINER: RICK MCDONALD

LEGEND

| | |
|---|--------------------------|
|  | MIRIS CORNER |
|  | PAVED ROADS |
|  | GRAVEL & GOOD DIRT ROADS |
|  | POOR DIRT ROADS |
|  | CLOSED/ABANDONED ROADS |
|  | TRAILS |
|  | LAKES |
|  | RIVERS |
|  | INTERMITTENT STREAMS |
|  | FINAL HARVEST |
|  | SELECTION |
|  | STAND BOUNDARY |
|  | HIKING TRAILS |



1 Miles